

# Technical Specification/ Product Datasheet

Clark-Drain Ltd.,  
Station Road,  
Yaxley,  
Peterborough,  
PE7 3EQ.  
England.



Specific Product Code:	<b>CD CE10.L00</b>	<b>CD CE10.L10</b>	<b>CD CE10.L20</b>	
Product Group:	Linear Drainage			
Sub-Category:	<b>E600/F900 Heavy Duty Ductile-Iron Edge Constant-Depth Polymer Concrete Channels</b>			
Material Grade/s:	Polymer Concrete:	Resistance to bending = 22MPa Resistance to compression = 90MPa Resistance to heat = 70°C (resin HDT)		
	Ductile Cast Iron:	Grade EN-GJS-500-7 to BS EN 1563:2011		
Basic Dimensions (mm)		<b>L00</b>	<b>L10</b>	<b>L20</b>
	Total Length =	1,000	1,000	1,000
	External Width =	142	142	142
	Internal Width =	100	100	100
	External Height =	127	187	247
	Internal Height =	112	172	232
Internal Area – E600 (cm <sup>2</sup> ):	81	141	201	
Internal Area – F900 (cm <sup>2</sup> ):	75	135	195	
Max Through-Flow – E600 (l/s):	4.6	10.3	17.3	
Max Through-Flow – F900 (l/s):	4.1	9.7	16.6	
Weight (kgs):	15	17.5	21	
Load Rating Classification:	E600 (60 tonnes) when used with CD CO10.22 or CD CO10.28 gratings F900 (90 tonnes) when used with CD CO10.63 or CD CO10.69 gratings			
Features:	<ul style="list-style-type: none"> <li>- Designed, tested and certified to BS EN1433:2002</li> <li>- Manufactured from hard-wearing and resilient polymer concrete</li> <li>- Unique 'CatchLock' grating retention mechanism for quick removal</li> <li>- Suitable for use with CD CO10.22/CD CO10.63 normal-slot or CD CO10.28/CD CO10.69 narrow-slot ductile iron gratings</li> <li>- Level-fall/constant depth design for use in stepped-fall systems or in areas of natural fall</li> <li>- Large internal capacity</li> <li>- All channels have sealing grooves as standard</li> <li>- Range of accessories available; end-caps, silt-box, etc</li> </ul>			

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CD CO10.22



CD CO10.28



Specific Product Code:

**CD CO10.22** (standard-slot)

**CD CO10.28** (narrow-slot)

Product Group:

Linear Drainage

Sub-Category:

E600 Heavy Duty Channel Gratings

Material Grade/s:

Spheroidal Graphite Iron Grade EN-GJS-500-7 to  
BS EN 1563:2011

Basic Dimensions (mm):

	<b>CD CO10.22</b>	<b>CD CO10.28</b>
Length =	500	500
Width =	125	125
Insert Depth =	20	20
Slot Width =	18	6

Weight (kgs):

4.5

5.2

Waterway Area (cm<sup>2</sup>):

256

90

Load Rating Classification:

E600 (60 tonnes)

Features:

- Heat resistant (ideal for tarmac edging)
- Unique "CatchLock" retention mechanism for fast fitting & removal
- Suitable for use in CD CE10.xxx series channels

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